

72,646.÷
31.=
2,343.41935483*
2,343.41935483x
10. %
234.341935483*
234.34193548+
2,577.76129031*

PRETREATMENT MONITORING REPORT

NAME: Crompton Colors Incorporated

MAILING ADDRESS: 199 Benson Road, Mail Stop 2-4, Middlebury CT 06749-0001

FACILITY LOCATION: 52 Amsterdam Street, Newark NJ

CATEGORY & SUBPART: Unknown OUTLET #: 1

CONTACT OFFICIAL: Mr. George Collentine TELEPHONE: (203) 573-2825

NEW CUSTOMER ID / OUTLET ID: 20630008-1 OLD OUTLET DESIGNATION: 1

MONITORING PERIOD					
Start			End		
05	01	08	05	31	08
MO	DAY	YR	MO	DAY	YR

	Average	Maximum
Regulated Flow-gal/day	2124	5983
Total Flow-gal/day	2124 2343	5983 2598

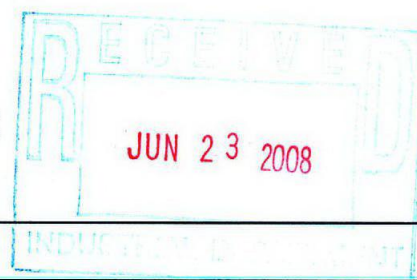
Method Used: Electromagnetic flowmeter (Toshiba Model #GF632) and remote converter/display (Toshiba Model #LF602F)

Begin meter reading on 5/1/08 @ 9:00 AM. End meter reading at 6/4/08 @ 2:00 PM.

Production Rate (if applicable) Not Applicable

PARAMETER		MASS OR CONCENTRATION			# OF SAMPLES	SAMPLE TYPE COMP/GRAB
		MON AVG	MAXIMUM	UNITS		
Biochemical Ox (BOD ₅)	Sample Measurement	42.9	42.9	mg/l	1	Grab
	Permit Requirement	0 (No Limit)				
Cadmium	Sample Measurement	< 0.0004	< 0.0004	mg/l	1	Grab
	Permit Requirement	0.19		mg/l		
Copper	Sample Measurement	< 0.004	< 0.004	mg/l	1	Grab
	Permit Requirement	3.02		mg/l		
Lead	Sample Measurement	< 0.003	< 0.003	mg/l	1	Grab
	Permit Requirement	0.54		mg/l		
Mercury	Sample Measurement	< 0.0001	< 0.0001	mg/l	1	Grab
	Permit Requirement	0.080		mg/l		
Nickel	Sample Measurement	0.005	0.005	mg/l	1	Grab
	Permit Requirement	5.9		mg/l		
Zinc	Sample Measurement	0.02	0.02	mg/l	1	Grab
	Permit Requirement	1.67		mg/l		
Non-Polar Material	Sample Measurement	< 10	< 10	mg/l	1	Grab
	Permit Requirement		100	mg/l		
Total Toxic Organics	Sample Measurement	CODE=E	CODE=E	mg/l	1	Grab
	Permit Requirement	0 (No Limit)				
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					

PVSC FORM MR-I REV: 4 6/87 P I

PRETREATMENT MONITORING REPORT

Certification of Non-Use if applicable (use additional sheets): Not Applicable.

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every

parameter used: All reported analytical results comply with permit requirements

Explain Method for preserving samples: Samples were collected in laboratory-supplied containers with the appropriate preservatives (e.g., hydrochloric acid, nitric acid) in accordance with the requirements for the specific analytical methods. Samples were labeled with appropriate information, such as project name, sample identification, collection date and time, and sampler's initials. All containers were placed in an ice-filled cooler until delivery at the laboratory. A completed chain-of-custody form accompanied the samples at all times.

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

A handwritten signature in blue ink, appearing to read "G. Collentine".

Signature of Principal

Executive or Authorized Agent

Mr. George Collentine

Manager

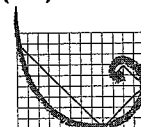
Type Name and Title

A handwritten date "6/17/08" in blue ink.

Date

Environmental
Resources
Management

Princeton Crossroads
Corporate Center
250 Phillips Boulevard,
Suite 280
Ewing, NJ 08618
(609) 895-0050
(609) 895-0111 (fax)



ERM®

20 June 2008

Ms. Saramma John
City of Newark Billing & Customer Service
920 Broad Street
Room 115 - Water Accounting
Newark, NJ 07102

RE: May 2008 Monitoring Report
Crompton Colors, Incorporated - Newark, NJ
City of Newark Account #52401
Discharge Begun 17 July 2007

Dear Ms. John:

On behalf of Chemtura Corporation (Chemtura), Environmental Resource Management (ERM) has prepared the attached User Charge Self Monitoring Report (PVSC Form MR-2). This form has been executed by Mr. George Collentine of Chemtura Corporation, the corporate successor to Crompton.

The groundwater recovery system has been in continuous operation since 23 April 2008. The total volume discharged to the sanitary sewer during the month of May was calculated as follows:

- Starting totalizer reading = 22,179 gallons (9:00 AM on 5/1/2008)
- Final totalizer reading = 94,825 gallons (2:00 PM on 6/4/2008)
- Total volume = 72,646 gallons

Please contact Mr. George Collentine of Chemtura at (203) 573-2825 or me if you have any questions or require additional information.

Sincerely,

Vincent P. Shea, P.E.
Senior Engineer

cc: Mr. George Collentine, Chemtura
Passaic Valley Sewerage Commissioners
File

enclosure

Analytical Results Summary

Client ID: SysDis050108
Site: Chemtura Newark

Lab Sample No: 916509
Lab Job No: T848

Date Sampled: 05/01/08
Date Received: 05/01/08
Date Analyzed: 05/09/08
GC Column: Rtx-VMS
Instrument ID: VOAMS11.i
Lab File ID: n44734.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 100.0

VOLATILE ORGANICS - GC/MS
METHOD 624

<u>Parameter</u>	<u>Analytical Result</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
Chloromethane	ND	44
Bromomethane	ND	44
Vinyl Chloride	ND	24
Chloroethane	ND	43
Methylene Chloride	ND	40
Trichlorofluoromethane	ND	37
1,1-Dichloroethene	ND	46
1,1-Dichloroethane	ND	26
trans-1,2-Dichloroethene	ND	39
cis-1,2-Dichloroethene	36	28
Chloroform	ND	20
1,2-Dichloroethane	ND	27
1,1,1-Trichloroethane	ND	38
Carbon Tetrachloride	ND	34
Bromodichloromethane	ND	25
1,2-Dichloropropane	ND	49
cis-1,3-Dichloropropene	ND	13
Trichloroethene	ND	36
Dibromochloromethane	ND	27
1,1,2-Trichloroethane	ND	22
Benzene	56	24
trans-1,3-Dichloropropene	ND	16
2-Chloroethyl Vinyl Ether	ND	25
Bromoform	ND	21
Tetrachloroethene	ND	42
1,1,2,2-Tetrachloroethane	ND	35
Toluene	ND	30
Chlorobenzene	15000	25
Ethylbenzene	ND	41
Xylene (Total)	ND	40

Client ID: SysDis050108
Site: Chemtura Newark

Lab Sample No: 916509
Lab Job No: T848

Date Sampled: 05/01/08
Date Received: 05/01/08
Date Analyzed: 05/09/08
GC Column: Rtx-VMS
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Lab File ID: n44734.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 100.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

COMPOUND NAME	RT	EST. CONC. ug/l	Q
=====	=====	=====	=====
1. Benzene, 1,2-dichloro-	10.79	790	
2. Dimethylnaphthalene isomer	13.85	640	
3. Dimethylnaphthalene isomer	13.98	840	
4. Dimethylnaphthalene isomer	14.02	510	
5. Dimethylnaphthalene isomer	14.20	420	
6.			
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29.			
30.			
TOTAL ESTIMATED CONCENTRATION		3200	

Client ID: SysDis050108
Site: Chemtura Newark

Lab Sample No: 916509
Lab Job No: T848

Date Sampled: 05/01/08
Date Received: 05/01/08
Date Extracted: 05/02/08
Date Analyzed: 05/08/08
GC Column: DB-5
Instrument ID: BNAMS1.i
Lab File ID: r39825.d

Matrix: WATER
Level: LOW
Sample Volume: 890 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 100.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 625

<u>Parameter</u>	<u>Analytical Result</u> <u>Units: ug/l</u>	<u>Method Detection</u>
		<u>Limit</u> <u>Units: ug/l</u>
Phenol	ND	.68
2-Chlorophenol	ND	120
2-Nitrophenol	ND	180
2,4-Dimethylphenol	ND	230
2,4-Dichlorophenol	ND	160
4-Chloro-3-methylphenol	ND	180
2,4,6-Trichlorophenol	ND	240
2,4-Dinitrophenol	ND	99
4-Nitrophenol	ND	98
4,6-Dinitro-2-methylphenol	ND	140
Pentachlorophenol	ND	230

Client ID: SysDis050108
Site: Chemtura Newark

Lab Sample No: 916509
Lab Job No: T848

Date Sampled: 05/01/08
Date Received: 05/01/08
Date Extracted: 05/02/08
Date Analyzed: 05/08/08
GC Column: DB-5
Instrument ID: BNAMS1.i
Lab File ID: r39825.d

Matrix: WATER
Level: LOW
Sample Volume: 890 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 100.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 625

<u>Parameter</u>	<u>Analytical Result</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
N-Nitrosodimethylamine	ND	83
bis(2-Chloroethyl)ether	ND	98
1,3-Dichlorobenzene	ND	110
1,4-Dichlorobenzene	140	100
1,2-Dichlorobenzene	630	120
bis(2-chloroisopropyl)ether	ND	96
N-Nitroso-di-n-propylamine	ND	83
Hexachloroethane	ND	100
Nitrobenzene	8900	110
Isophorone	ND	100
bis(2-Chloroethoxy)methane	ND	97
1,2,4-Trichlorobenzene	ND	100
Naphthalene	ND	24
Hexachlorobutadiene	ND	67
Hexachlorocyclopentadiene	ND	71
2-Chloronaphthalene	ND	120
Dimethylphthalate	ND	120
Acenaphthylene	ND	13
2,6-Dinitrotoluene	ND	140
Acenaphthene	ND	15
2,4-Dinitrotoluene	ND	130
Diethylphthalate	ND	88
4-Chlorophenyl-phenylether	ND	120
Fluorene	ND	18
N-Nitrosodiphenylamine	ND	120
4-Bromophenyl-phenylether	ND	130
Hexachlorobenzene	ND	36
Phenanthrene	ND	9.0
Anthracene	ND	13
Di-n-butylphthalate	ND	110
Fluoranthene	ND	15
Pyrene	ND	15
Benzidine	ND	810
Butylbenzylphthalate	ND	120

Client ID: SysDis050108
Site: Chemtura Newark

Lab Sample No: 916509
Lab Job No: T848

Date Sampled: 05/01/08
Date Received: 05/01/08
Date Extracted: 05/02/08
Date Analyzed: 05/08/08
GC Column: DB-5
Instrument ID: BNAMS1.i
Lab File ID: r39825.d

Matrix: WATER
Level: LOW
Sample Volume: 890 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 100.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 625

<u>Parameter</u>	<u>Analytical Result</u> <u>Units: ug/l</u>	<u>Method Detection</u> <u>Limit</u> <u>Units: ug/l</u>
3,3'-Dichlorobenzidine	ND	550
Benzo(a)anthracene	ND	5.6
Chrysene	ND	21
bis(2-Ethylhexyl)phthalate	ND	120
Di-n-octylphthalate	ND	110
Benzo(b)fluoranthene	ND	15
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	6.7
Indeno(1,2,3-cd)pyrene	ND	9.0
Dibenz(a,h)anthracene	ND	11
Benzo(g,h,i)perylene	ND	10
Aniline	16000	60

Client ID: SysDis050108
Site: Chemtura Newark

Lab Sample No: 916509
Lab Job No: T848

Date Sampled: 05/01/08
Date Received: 05/01/08
Date Extracted: 05/02/08
Date Analyzed: 05/08/08
GC Column: DB-5
Instrument ID: BNAMS1.i
Lab File ID: r39825.d

Matrix: WATER
Level: LOW
Sample Volume: 890 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 100.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 625

COMPOUND NAME	RT	EST. CONC. ug/l	Q
=====	=====	=====	=====
1. Benzene, chloro-	5.02	10000	
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
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21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			
TOTAL ESTIMATED CONCENTRATION		10000	

Client ID: SysDis050108
Site: Chemtura Newark

Lab Sample No: 916509
Lab Job No: T848

Date Sampled: 05/01/08
Date Received: 05/01/08

Matrix: WATER
Level: LOW

METALS ANALYSIS

<u>Analyte</u>	<u>Analytical Result Units: ug/l</u>	<u>Instrument Detection Limit</u>	<u>Qual</u>	<u>M</u>
Cadmium	ND	0.40		P
Copper	ND	3.7		P
Lead	ND	2.7		P
Mercury	ND	0.10		CV
Nickel	4.6	2.4	B	P
Zinc	18.6	5.8	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: T848

Site: Chemtura Newark

Client: ERM

VOAMS

WATER - 624

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
916509	5/1/2008	5/1/2008			5/9/2008	Del Polito, Vita	9337

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: T848

Site: Chemtura Newark

Client: ERM

BNAMS

WATER - 625

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
916509	5/1/2008	5/1/2008	5/2/2008	Romero, Beisley	5/8/2008	Shalayda, Monica	6129

**INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison**

777 New Durham Road, Edison, New Jersey
08817

Job No: <u>T848</u>	Site: <u>Chemtura Newark</u>
Client: <u>ERM</u>	Date Sampled: <u>5/1/2008</u>
Sample No.: <u>916509</u>	Date Received: <u>5/1/2008</u>
	Matrix: <u>WATER</u>

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	5/7/2008	Sanagavarapu, Suguna	5/7/2008	Sanagavarapu, Suguna	24430
CADMIUM	5/7/2008	Yang, Qin	5/11/2008	Polidori, Michael	24430
COPPER	5/7/2008	Yang, Qin	5/11/2008	Polidori, Michael	24430
LEAD	5/7/2008	Yang, Qin	5/11/2008	Polidori, Michael	24430
NICKEL	5/7/2008	Yang, Qin	5/11/2008	Polidori, Michael	24430
ZINC	5/7/2008	Yang, Qin	5/11/2008	Polidori, Michael	24430

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides, PCBs & Herbicides:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for Organochlorine Pesticides and Method 8082 for PCBs. Organochlorine Herbicides are analyzed using SW846 Method 8151A.

Total Petroleum Hydrocarbons:

Unless otherwise specified, water and solid samples are analyzed for Total Petroleum Hydrocarbons using the most current revision of NJDEP Method OQA-QAM-025, "Quantitation of Semi-Volatile Petroleum Products in Water, Soil, Sediment and Sludge"

Diesel Range Organics (DRO) and Gasoline Range Organics (GRO):

Soil and water samples are analyzed for DRO and GRO as per the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8015B (Non-Halogenated Organics Using GC/FID).

Metals Analysis:

Metals analyses are performed by any of five techniques specified by a Method Code provided on each data report page, as follows:

- MS - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)- Mass Spectrometry (MS)
- P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)
- A - Flame Atomic Absorption
- F - Furnace Atomic Absorption
- CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020) and "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition), as appropriate. Solid samples are prepared and analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition).

Specific method references for ICP analyses are:

Water Matrix - EPA 200.7/SW846 6010B
Solid Matrix - SW846 6010B

The method reference for ICP-MS analysis is:

Non-Potable Water Matrix - EPA 200.8

Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

<u>Element</u>	<u>Water Test Method Furnace</u>	<u>Solid Test Method Furnace</u>
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Drinking water and wastewater samples are analyzed for cyanide using EPA Method 335. Cyanide is determined in solid samples using SW846 Method 9012A/9012B.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.1. Total phenols are determined in water by use of SW846 Methods 9065+9066, as appropriate.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability - Method 1020A

Corrosivity - Water pH Method 9040B
Soil pH Method 9045C

Toxicity - TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

ORGANIC DATA REPORTING QUALIFIERS

- ND - The compound was not detected at the indicated concentration.
- J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified quantitation limit but greater than zero. The concentration given is an approximate value.
- B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
- P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
- * - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

- ND - The compound was not detected at the indicated concentration.
- B - Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.
- E - The reported value is estimated because of the presence of interference. See explanatory note in the Nonconformance Summary if the problem applies to all of the samples or on the individual Inorganic Analysis Data Sheet if the problem is isolated.
- M - Duplicate injection precision not met on the Furnace Atomic Absorption analysis.
- N - The spiked sample recovery is not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- * - Duplicate Analysis is not within control limits.
- W - Post digestion spike for Furnace Atomic Absorption analysis is out of control.
- + - Correlation coefficient for MSA is less than 0.995.

M Column - Method Qualifiers

- P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP).
- A - Flame Atomic Absorption Spectroscopy (FAA).
- F - Graphite Furnace Atomic Absorption Spectroscopy (GFAA).
- CV - Cold Vapor Atomic Absorption Spectroscopy.

- MS - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)-Mass Spectrometry (MS).

Data Reporting Qualifiers

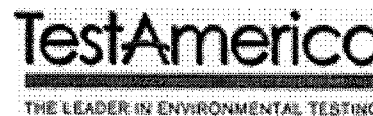
ORGANIC DATA REPORTING QUALIFIERS

- ND - The compound was not detected at the indicated concentration.
- J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified quantitation limit but greater than or equal to the method detection limit. The concentration given is an approximate value.
- B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
- P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.
- * - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

- ND/U - The compound was not detected at the indicated concentration.
 - B - Reported value is less than the Practical Quantitation Limit but greater than or equal to the Instrument Detection Limit.
 - E - The reported value is estimated because of the presence of interference. See explanatory note in the Nonconformance Summary if the problem applies to all of the samples or on the individual Inorganic Analysis Data Sheet if the problem is isolated.
 - M - Duplicate injection precision not met on the Furnace Atomic Absorption analysis.
 - N - The spiked sample recovery is not within control limits.
 - S - The reported value was determined by the Method of Standard Additions (MSA).
 - * - Duplicate Analysis is not within control limits.
 - W - Post digestion spike for Furnace Atomic Absorption analysis is out of control.
 - + - Correlation coefficient for MSA is less than 0.995.
- M Column - Method Qualifiers
- P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP).
 - A - Flame Atomic Absorption Spectroscopy (FAA).
 - F - Graphite Furnace Atomic Absorption Spectroscopy (GFAA).
 - CV - Cold Vapor Atomic Absorption Spectroscopy.

Non-Conformance Summary



Nonconformance Summary

TestAmerica Edison Job # : T848

Client: ERM

Date: 5/27/2008

Sample Receipt:

Sample delivery conforms with requirements.

Volatile Organic Analysis (GC/MS):

All data conforms with method requirements.

Base/Neutral and/or Acid Extractable Organics (GC/MS):

Sample#916509: surrogate recovery diluted out.

Metals:

All data conforms with method requirements.

Wet Chemistry:

All data conforms with method requirements.

Sub Work:

See Sublab Case Narrative.

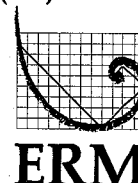
I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.



Joy Kelly
Project Manager

Environmental
Resources
Management

Princeton Crossroads
Corporate Center
250 Phillips Boulevard,
Suite 280
Ewing, NJ 08618
(609) 895-0050
(609) 895-0111 (fax)



20 June 2008

Mr. Andy Caltagirone
Manager of Industrial & Pollution Control
Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, NJ 07105

RE: May 2008 Monitoring Reports
Crompton Colors, Incorporated - Newark, NJ
Customer ID 20630008-1
Discharge Begun 17 July 2007

Dear Mr. Caltagirone:

On behalf of Chemtura Corporation (Chemtura), Environmental Resources Management (ERM) has prepared the attached Pretreatment Monitoring Report (PVSC Form MR-1) and User Charge Self Monitoring Report (PVSC Form MR-2). These forms have been executed by Mr. George Collentine of Chemtura Corporation, the corporate successor to Crompton.

The groundwater recovery system has been in continuous operation since 23 April 2008. The total volume discharged to the sanitary sewer during the month of May was calculated as follows:

- Starting totalizer reading = 22,179 gallons (9:00 AM on 5/1/2008)
- Final totalizer reading = 94,825 gallons (2:00 PM on 6/4/2008)
- Total volume = 72,646 gallons

In accordance with the December 2007 *NJPDES Monitoring Report Form Reference Manual*, the total toxic organic (TTO) data has been reported as a "CODE=E", with the laboratory analytical data package attached for reference.

Environmental
Resources
Management

Mr. Andy Caltagirone
0057054.10
20 June 2008
Page 2

Please contact Mr. George Collentine of Chemtura at (203) 573-2825 or me if you have any questions or require additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read 'V. Shea', with a long horizontal flourish extending to the right.

Vincent P. Shea, P.E.
Senior Engineer

cc: Mr. George Collentine, Chemtura
File

enclosures

May 27, 2008

ERM
250 Phillips Blvd.
Suite 280
Ewing, NJ 08618

Attention: Mr. Vincent Shea

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job No. T848 - Chemtura Newark

Dear Mr. Shea:

Enclosed are the results you requested for the following sample(s) received at our laboratory on May 1, 2008.

<u>Lab No.</u>	<u>Client ID</u>	<u>Analysis Required</u>
916509	SysDis050108	PP VOA+15 PP BNA+25 Cd Cu Pb Hg Ni Zn TSS BOD SGT 1664, Buffalo HEM 1664, Buffalo

This report is not to be reproduced, except in full, without the written approval of the laboratory.

TestAmerica Edison has following Laboratory Certifications: New Jersey(12028), New York(11452), Pennsylvania(68-00522), Connecticut(PH-0200), Rhode Island(LAO00132)

If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,



Joy Kelly
Project Manager

